

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : Improvements of drains and footpath in 4th phase 208 area in Attur ward no:03 of Yelahanka Satellite Town Sub Division

Estimate Cost:Rs. 1524000.00

Sl No	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-1.1.Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled and after breaking of clods and neatly dressed as per specification Specification No. KRS 2.1(a)/2.3.1 (P-5 II,2.1)								
	Basic Rate	117.00							
	Area Weightage 8%	9.36							
	Total	126.36							
		2	200.00	0.45	0.35	63.00			
		2	165.00	0.45	0.35	51.98			
		2	192.00	0.45	0.35	60.43			
					Total	175.46	126.36	Cum	22170.00
2	Removing of S.S Slab of Drain and stacking complete as per specification and direction of Engineer in Charge (P-28 II,5.32)								
	Basic Rate	48.40							
	Area Weightage 6%	3.71							
	Total	50.11							
		2	200.00	1.65		660.00			
		2	165.00	1.65		544.50			
		2	192.00	1.65		633.60			
					Total	1838.10			
					deduct 40% missing	735.24			
					Total	1102.86	50.11	Sqm	55267.00
3	Re fixing of stone slabs of drain and Pointing in CM (1:3) complete as per specification and direction of Engineer in Charge (P-28 II,5.33)								
	Basic Rate	64.65							
	Area Weightage 8%	5.19							
	Total	70.04							
					Qty Same as available	1102.86			
					Total	1102.86	70.04	Sqm	77247.00
4	Providing granite slabs of selected quality of 7.5cms thick roughly dressed and fixing in cement mortar (1:6) including fixing complete as per specification and direction of Engineer in charge (P-28 II,5.31.1)								
	Basic Rate	318.00							
	Area Weightage 8%	25.44							
	Total	343.44							
					Qty Same as missing	735.24			
					Total	735.24	343.44	Sqm	252511.00

5	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal coarse aggregate @0.878cum and fine aggregate @0.459 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation, plinth and sills, including cost of all materials, labour, H/M of machinery, curing complete as per specifications. (P-12, It.4.6)								
	Basic Rate:	4425.00							
	Area Weightage 8%	354.00							
	Total	4779.00							
	below kerb stone	2	200.00	0.15	0.10	6.90			
		2	165.00	0.15	0.10	4.95			
		2	192.00	0.15	0.10	5.70			
				Total		16.71	4779.00	Cum	79857.00
6	Removing and resetting of kerb stones								
	below kerb stone	2	200.00			400.00			
		2	165.00			330.00			
		2	192.00			384.00			
						1114.00	49.68	Mtr	55344.00
	Basic Rate:	46.00							
	Area Weightage 8%	3.68							
	Total	49.68							
7	KSRB 15-19.1: Providing and applying ready mix painting coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after thoroughly cleaning of oil grease, dirt and other foreign matter, and sand preparing including cost of materials, labour complete as per specifications. (P-131, It.15.80)								
		2	200.00		0.45	180.00			
		2	165.00		0.45	148.50			
		2	192.00		0.45	172.80			
				Total		501.30	23.76	Sqm	11911.00
	Basic Rate	22.00							
	Area Weightage 8%	1.76							
	Total	23.76							
8	KSRB 15-20.1: Providing and applying floor painting with ready mix paint in two coats (excluding primer coat) on new concrete/asbestos cement sheet/plastered surfaces brushing to give an even shade after preparing the surface after thoroughly cleaning oil dirt, dust other foreign matter and sand paporing including cost of all materials, labour complete as per specifications. Specification No. KRS 4.6.2 (P.131, It.15.83)								
		2	200.00		0.45	180.00			
		2	165.00		0.45	148.50			
		2	192.00		0.45	172.80			
				Total		501.30	44.28	Sqm	22198.00
	Basic Rate	41.00							
	Area Weightage 8%	3.28							
	Total	44.28							

9	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/kanker/moorant. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORI Chapter 1 (P-150, It.17.1)								
	Basic Rate	62.20							
	Conveying for 10 km	25.65							
	sub total	87.85	Qty vide item No:21						
	Area Weightage 8%	7.02							
	Total	94.82							
					Total	175.46	94.82	Cum	16637.00
Engaging tractors and labours for removing debris and desilting of drains in newly added villages i.e Ananthpura, Chukkabettahalli, Doddabettahalli villages in Attur ward no:03									
10	Supplying and engaging tractor 50 Hp with driver and fuel with all accessories to remove the silt and other works with all leads cost of labour complete as per specifications. PWD SR 2013-14 P XXXVII, SI.No 20								
	3 No tractor x 2 month x 26 days=2240days					155.00	2240.00	day	349440.00
11	Supplying and engaging Mazdoor heavy 100 nos per tractor per day with all accesanes to remove the silt and other works with all leads cost of labour complete as per specifications. (PWD SR 2013-14) (Pg.No:LV, Item No:05)								
	15 labours x 26 days /month x 2 months =2184 days								
		Each	15	26	2	780.00	191.81	Nos	149612.00
12	Supplying and engaging JCB excavator crane with driver and fuel with all accessories to remove the silt and other works with all leads cost of labour complete as per specifications. (Code no:1031, JCB Excavator) (Page No:XXXVII, Item No:23)								
		Day				37.00	6720.00	days	248640.00
13	KRIDL Charges 1%								167640.00
14	Quality control charges 1%								15240.00
15	Miscellaneous & Rounding off:								291.00
	Total Rs:								1524000.00

CERTIFICATE:

1. The work spot comes under SBMP Limits
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on CSR of PWD 2013-14

Assistant Engineer
Ward No.3

Executive Engineer
Yelahanka Division
Bruhat Bengaluru Mahanagara Palike

Assistant Executive Engineer
Yelahanka Satellite Town Sub-Division
Bruhat Bengaluru Mahanagara Palike

fifteen lakhs and
Twenty four thousand only
P&434 Development works
for Bengaluru city

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four thousand only
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Bemp/YNK/JC/AA/904/13-14
22/2/2014 1524000

Bemp/YNK/EE/TS/126/13-14
22/2/2014 1524000

LAY-OUT MAP OF 4014707 & 4th & 5th
PHASE OF ATTUR WARD NO.3.

Signature

A.R. RADIO ROAD

707 Main Road.

Hindu Samaja Road

A.I.R.
SUB TRESS

VIVEKANANDA
PARK

B.M.T.C
BUS STAND

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Drain Improvement

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